

**MEDICAL DEVICE BALLOONS WITH IMPROVED STRENGTH
PROPERTIES AND PROCESSES FOR PRODUCING SAME**

- 5 A tubular parison for forming a medical device balloon. The parison is
formed of a polymeric material, for instance a thermoplastic elastomer. The parison has
an elongation at break which is not more than 80% of the elongation of the bulk
polymeric material. The elongation of the parison is controlled by altering extrusion
conditions. Balloons prepared from the parisons provide higher wall strength and/or
10 higher inflation durability than balloons prepared from conventional parisons of the
same material.

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